

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A system for controlling [[the]]a key-lock switch ~~by output or cutoff the electronic control signals to switch the key lock device through editing~~ ~~[[the]]~~ received/transmitted information data via a spread spectrum digital modulation/demodulation technology, said system comprises:

at least an electronic key which ~~may be~~is operable to transfer the transmitted information data, wherein each of the electronic key comprisinges [[an]]a first RF transceiver and [[an]]a first antenna that are located in [[the]]a transmitting end of the electronic key, through which one an ~~corresponding~~ operator's data of an operator's table contained in a first memory will be edited into the transmitted information data, and then the transmitted information data is transmitted as radio frequency signals after being edited by ~~baseband~~ coding the spread spectrum digital modulation technology and a digital-to-analog convertconversion technology; and

at least a key-lock control module, wherein each of the key-lock control module comprises [[an]]a second RF transceiver and [[an]]a second antenna that are located in [[the]]a receiving end of the key-lock control module, through which the radio frequency signals are received, and decoded by ~~baseband~~ the spread spectrum digital demodulation technology and an analog-to-digital convertconversion technology and coding technology, and edited into the received information data, and then the received information data is re-edited as first certified data[[]], which will be checked and compared ~~one by one~~ by an identification program with the certified second certified data in a certified table contained in [[the]]a second memory, if [[it]] the first certified data is identified as the same as the second certified data, the key-lock control module will output or cut-off [[the]] electronic control signals to open, to close or to switch the key-lock ~~device~~switch from open to lock or from lock to open.

Claim 2 (canceled)

Claim 3 (canceled)

Claim 4 (canceled)

Claim 5 (canceled)

Claim 6 (canceled)

Claim 7 (canceled)

Claim 8 (canceled)

Claim 9 (currently amended): The system of claim [[7]]1, wherein the [[of]]spread spectrum digital modulation/demodulation technology is one selected from the group consisting of the following types: Direct Sequence Spread Spectrum (DSSS), Chirp Spread Spectrum (CSS), Frequency Hopping Spread Spectrum (FHSS), Time Hopping Spread Spectrum (THSS), Orthogonal Frequency Division Multiplexing (OFDM) and Packet Binary Convolution[[al]] Coding (PBCC).

Claim 10 (canceled)

Claim 11 (currently amended): The system of claim 1, wherein the electronic key provides data lines to connect with external devices for ~~through which to do the external data input and [[renew]] renewal of~~ the contents of the operator's table ~~or the shared data in the first~~ memory of the electronic key.

Claim 12 (currently amended): The system of claim 1, wherein the key-lock control module provides data lines to connect with external devices through which it is possible to

control the key-lock ~~device~~control module and manage/maintain the key-lock switch ~~system~~as well.

Claim 13 (currently amended): The system of claim 1, wherein the electronic key provides data lines to connect with external devices [[and]] through which the external devices may switch the open/close action of a remote~~control the~~ key-lock device~~switch~~ that is equipped with the~~[[a]]~~ key-lock control module by inputting the operator's data or the transmitted information data.

Claim 14 (currently amended): The system of claim 1, wherein the key-lock control module provides data lines to connect with external devices [[and]] through which the external devices may switch the open/close action of a~~control the~~ key-lock device~~switch~~ that is equipped with [[a]]the key-lock control module by inputting the first certified data or the received information data.

Claim 15 (currently amended): The system of claim 1, wherein the maintenance of control records, the shared decryption data, and/or the content of the certified table in the second memory of the key-lock control module is executed by an external management system through [[the]] connected data lines or through [[the]] radio frequency signal~~signal transfer~~.

Claim 16 (new): The system of claim 1, wherein at least one of the operator's data are stored in the operator's table to correspond to at least one of the key-lock control module, and at least one of the second certified data are stored in the certified table to correspond to at least one of the electronic keys.

Claim 17 (new): The system of claim 1, wherein the control history of the key-lock switch will be saved in the memory of the key-lock control module.

Claim 18 (new): A system for controlling a key-lock switch through editing received/transmitted information data via a spread spectrum digital modulation/demodulation technology, said system comprises:

at least an electronic key which is operable to transfer the transmitted information data, wherein each of the electronic key comprises a first RF transceiver and a first antenna that are located in a transmitting end of the electronic key, an operator's data of an operator's table contained in a first memory will be edited into the transmitted information data by an encryption program with first shared data, and then the transmitted information data is transmitted as radio frequency signals after being edited by the spread spectrum digital modulation technology and a digital-to-analog conversion technology; and

at least a key-lock control module, wherein each of the key-lock control module comprises a second RF transceiver and a second antenna that are located in a receiving end of the key-lock control module, through which the radio frequency signals are received, and decoded by the spread spectrum digital demodulation technology and an analog-to-digital conversion technology, and edited into the received information data, and then the received information data is re-edited as first certified data by a decryption program with second shared data, which will be checked and compared by an identification program with second certified data in a certified table contained in a second memory, if the first certified data is identified as the same as the second certified data, the key-lock control module will output or cut-off of electronic control signals to open, to close or to switch the key-lock switch from open to lock or from lock to open.

Claim 19 (new): The system of claim 18, wherein the second certified data is generated first by editing the operator's data and the first shared data with the encryption program of the electronic key to become information data, then the information data is re-edited by the second shared data and the decryption program of the key-lock control module to become the second certified data and then saved into the second memory.

Claim 20 (new): The system of claim 18, wherein at least one of the operator's data are stored in the operator's table to correspond to at least one of the key-lock control module, and at least one of the second certified data are stored in the certified table to correspond to at least one of the electronic keys.

Claim 21 (new): The system of claim 18, wherein the spread spectrum digital modulation/demodulation technology is one selected from the group consisting of: Direct

Sequence Spread Spectrum (DSSS), Chirp Spread Spectrum (CSS), Frequency Hopping Spread Spectrum (FHSS), Time Hopping Spread Spectrum (THSS), Orthogonal Frequency Division Multiplexing (OFDM) and Packet Binary Convolution Coding (PBCC).

Claim 22 (new): The system of claim 18, wherein the control history of the key-lock switch will be saved in the memory of the key-lock control module.

Claim 23 (new): The system of claim 18, wherein the electronic key provides data lines to connect with external devices for data input and renewal of the contents of the operator's table or the first shared data in the first memory of the electronic key.

Claim 24 (new): The system of claim 18, wherein the key-lock control module provides data lines to connect with external devices through which it is possible to control the key-lock control module and manage/maintain the key-lock switch.

Claim 25 (new): The system of claim 18, wherein the electronic key provides data lines to connect with external devices through which the external devices may control the key-lock switch that is equipped with the key-lock control module by inputting the operator's data or the transmitted information data.

Claim 26 (new): The system of claim 18, wherein the key-lock control module provides data lines to connect with external devices through which the external devices may control the key-lock switch that is equipped with the key-lock control module by inputting the first certified data or the received information data.

Claim 27 (new): The system of claim 18, wherein the maintenance of control records, the second shared data, and the content of the certified table in the second memory of the key-lock control module is executed by an external management system through connected data lines or through radio frequency signals.